

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A coffee plant cell that produces galacto-mannans and that is modified to reduce endogenous levels of  $\alpha$ -D-galactosidase mRNA, wherein the coffee plant cell is ~~produced using antisense technology~~ comprises an antisense cassette comprising a full-length  $\alpha$ -D-galactosidase coding sequence from coffee operably linked to a promoter in antisense orientation.

Claim 2 (canceled):

Claim 3 (currently amended): The coffee plant cell according to claim 1 2, wherein the promoter nucleic acid is ~~under the control of~~ a constitutive or inducible promoter.

Claim 4 (original): The coffee plant cell according to claim 3, wherein the promoter is a coffee *csp1* promoter.

Claim 5 (canceled):

Claim 6 (original): A coffee plant containing a coffee plant cell according to claim 1.

Claims 7-12 (canceled):

Claim 13 (currently amended): Coffee beans obtained from the coffee plant according to claim 6, wherein said beans comprise said antisense cassette.

Claim 14 (previously presented): The coffee beans of claim 13 having increased water solubility compared to conventional coffee beans.

Claim 15 (currently amended): A coffee bean comprising a cell that produces galactomannans that is modified to reduce endogenous levels of  $\alpha$ -D-galactosidase mRNA, wherein the coffee plant cell is ~~produced using antisense technology~~ comprises an antisense cassette comprising a full-length  $\alpha$ -D-galactosidase coding sequence from coffee operably linked to a promoter in antisense orientation.